

A cross-sectional view of a multi-layered cylindrical structure. The structure consists of a central core (26) surrounded by three concentric layers (S1, S2, S3). The outermost layer (S3) is the thickest, followed by S2, and then S1. A central core (26) is located in the middle. A label 'M' points to a rectangular feature on the top surface of the outermost layer (S3).

FIG. 3 (PRIOR ART)

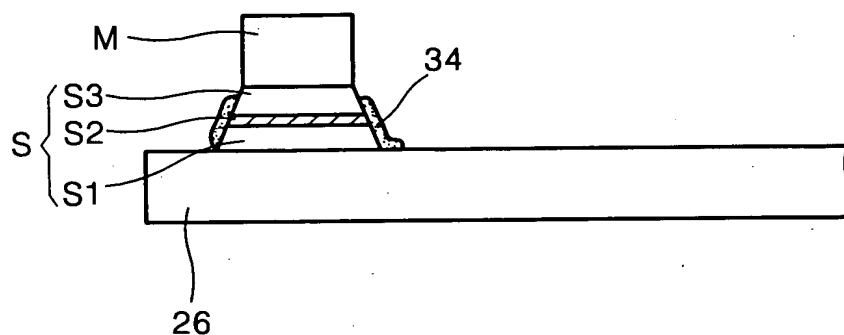


FIG. 4

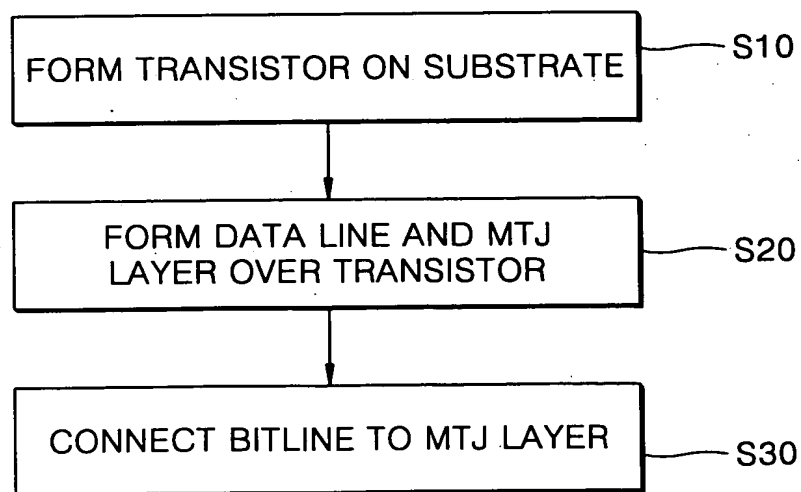


FIG. 5

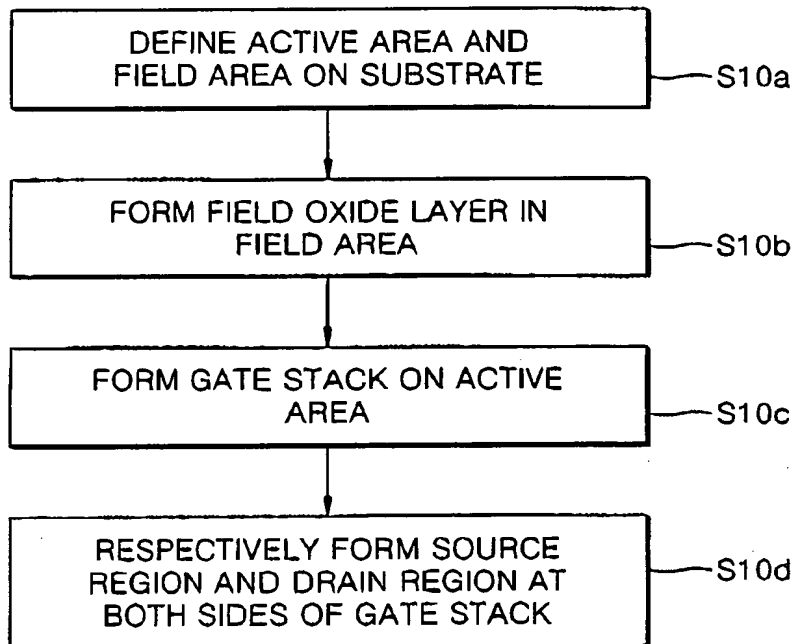


FIG. 6

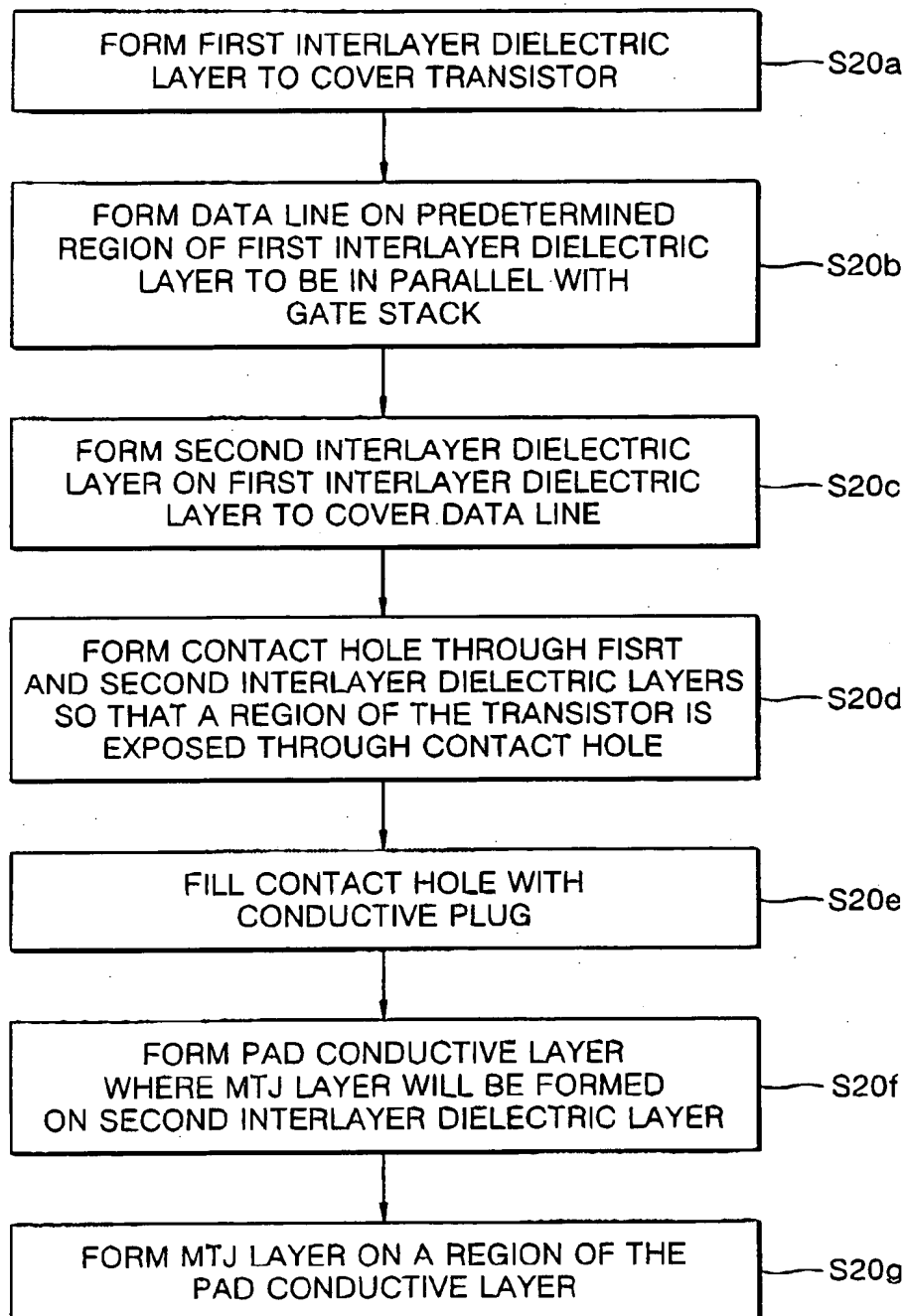


FIG. 7

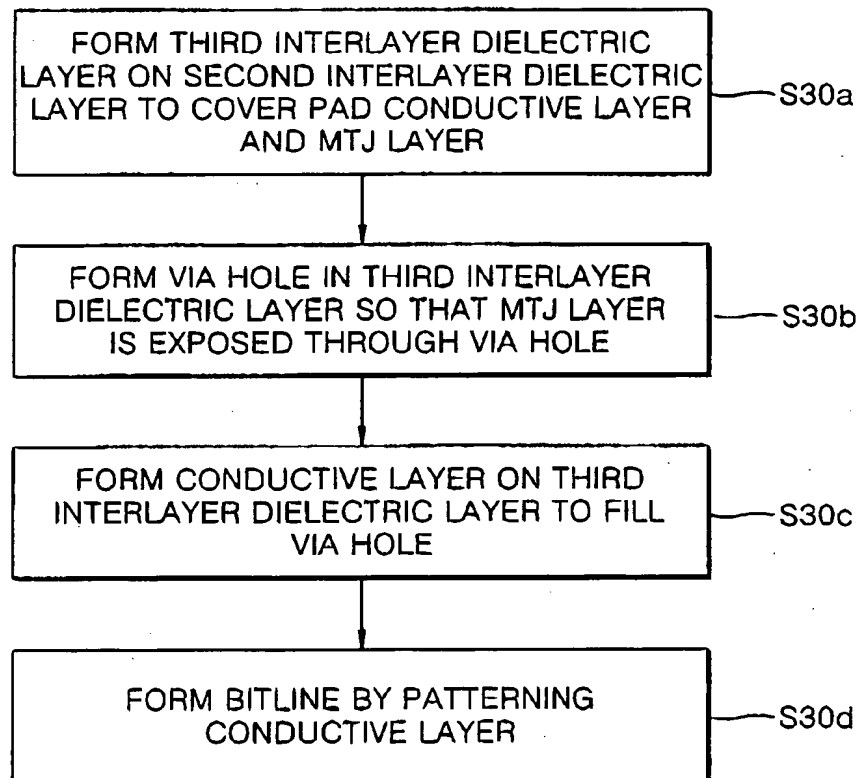


FIG. 8

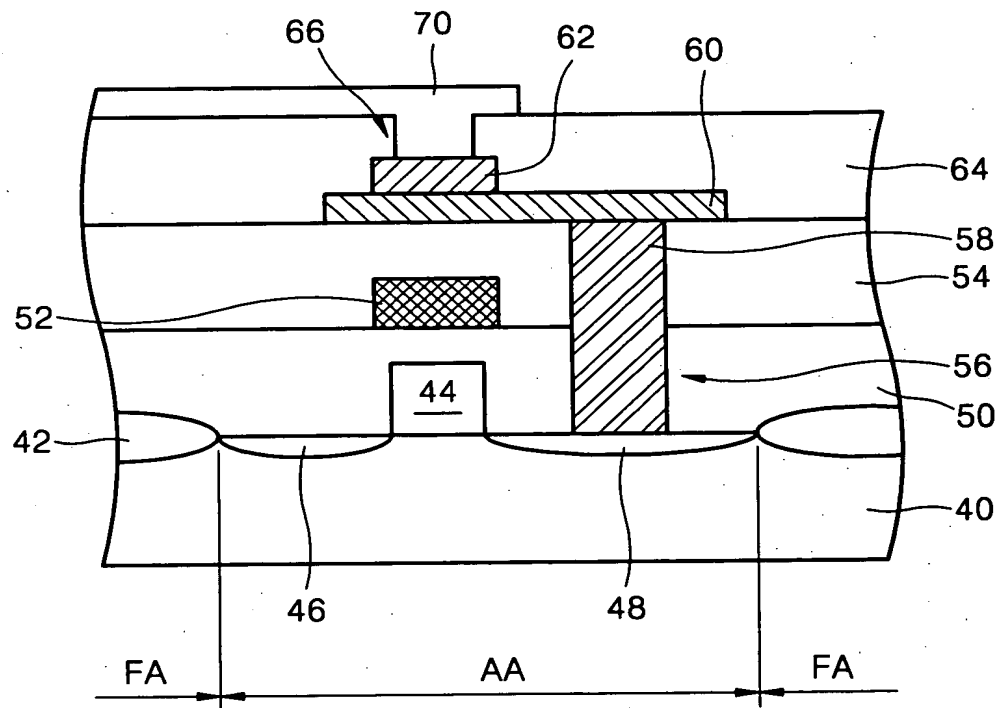


FIG. 9

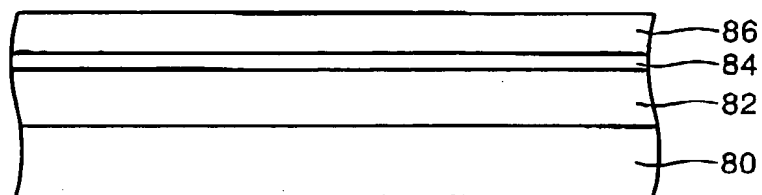


FIG. 10

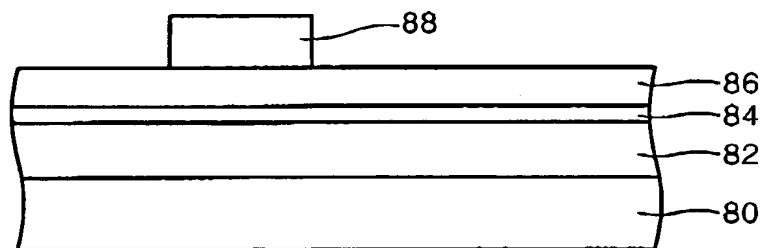
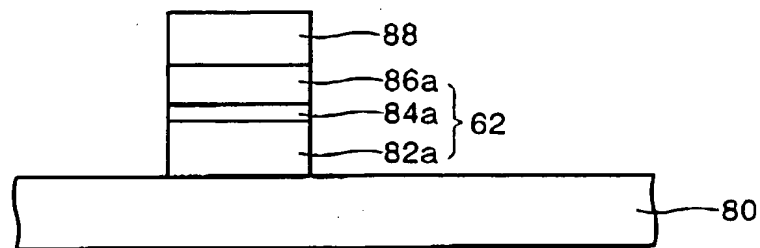
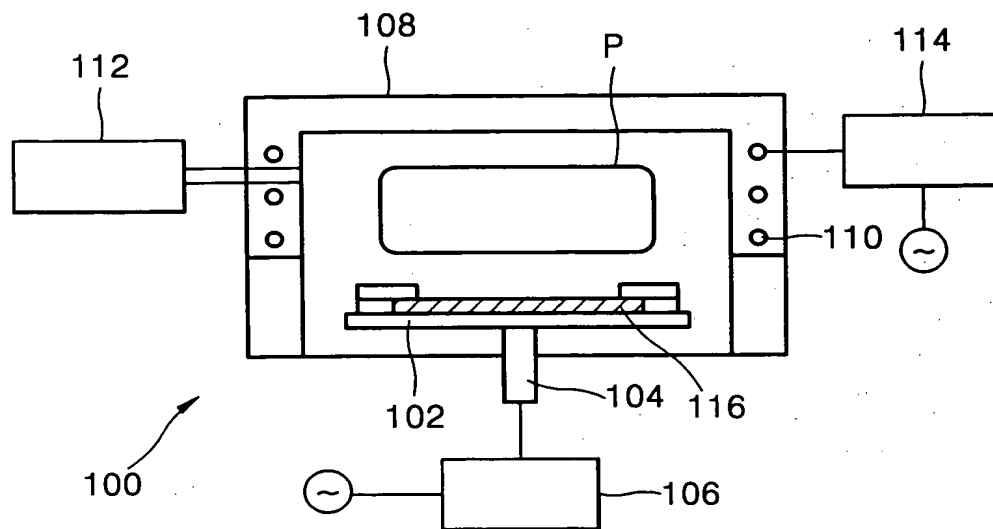


FIG. 11



# FIG. 12



# FIG. 13

124	Ta(Ru)
	NiFe
	CoFe
122	Al-O
120	SAF
	IrMn
	Ru or NiFe
118	Ta
	Ti / TiN



FIG. 14

